

Table 47. Summary of Insect Spraying and Tree Defoliation on Forest Vegetation on the Allegheny National Forest (1977-2003)¹

Acres Defoliated																					
Defoliation	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1999	2000	2001	2002	2003	2004
Gypsy Moth		839	1318 1310 1456	7440 7425	99959 78060 58491	94821 116090 93942	16578 4050 3708	2133 950 363	2270 1600	15221 13690 33129	1448 1975 1989					321				466 466	
Severe Drought ₃							X		X				X			X		X			
Elm Spanworm									10900 23419	37040 68822 35538	80069 339549 258843	5522									
Anthracnose	679																			33438 31382	
Oak Leaf-tier	21040														1522 1350						
Cherry Scallopshell Moth	127 6187	29441 27450	51104							910	653 3840 3850	62096 54200 44301	4943 205400 219938	10326 11783 11591							
Pine Budworm												1526 3129									
Forest Tent Caterpillar											1306 6809 2998	32368 20097 10425									
Misc.	43461	18065 ^a	54150 ^b	100134 _c	180		9	736 ^d		2411	1515		2627	1298	1334	3619	655 490	129 103	22 22	1910 10756	350 321
Leaf Discoloration	Acres Affected																				
Beech Bark Disease Complex												567					2117	148	4632	43271	21373
Insect	Acres Sprayed ²																				
Gypsy Moth				10387		29748	6174	42125		23133 21314	16485 9515	9366									
Elm Spanworm												55762									
Forest Tent Caterpillar													55444 41740								

1 No acres defoliated or sprayed and no drought in the years 1977 through 1981, 1990, 1998.

2 Using biological insecticide *Bacillus Thuringiensis* var. *Kurstakii*.

3 Palmer Drought Severity Index below -1.0.

USFS reported damage on Fed land (84-04 avail) All 1991 damage is unlabeled 3,295 acres

State reported damage on Fed land (62 to 99 avail) ^a leaf roller, ^b storm damage, ^c unlabeled, ^d thrips, 1990 damage 3888 GM